Technical Data Sheet

Icorene POLYFORT FLP 3798-31 BLKBLK

High Density Polyethylene

Product Description

Polyfort FLP 3798-31 BLK is a 30% Talc-Filled Polyethylene Black.

Regulatory Status

For regulatory compliance information, see POLYFORT FLP 3798-31 BLKBLK Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	North America
Processing Method	Injection Molding
Appearance	Black
Filler/Reinforcement	Talc, 30%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	8.0	g/10 min	ASTM D1238
Density - Specific Gravity	1.17	g/cm³	ASTM D792
Mechanical			
Tensile Strength at Yield	24	MPa	ASTM D638
Flexural Modulus, (Tangent)	1600	MPa	ASTM D790
Flexural Strength	32	MPa	ASTM D790
Tensile Elongation at Break	13	%	ASTM D638
Impact			
Gardner Impact	55	J	ASTM D5420
Notched Izod Impact	28	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	92	°C	ASTM D648

Manufacturer website: https://www.lyondellbasell.com/en/

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

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